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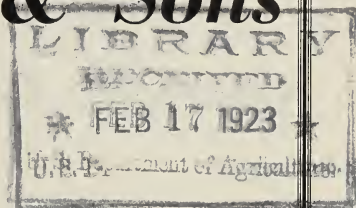
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# **D. A. White & Sons**

*Wholesale  
and Retail*



## ***Feedmen and Seedmen Poultry and Bee Supplies***

**251-261 State Street, Salem, Oregon**

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### **1923 PRICE LIST OF**

### ***Farm, Field and Garden Seeds***

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### ***Poultry Feeds, Sprays, Fertilizers, Etc.***

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*On account of the various market changes in prices, we quote subject to the following statement:*

*We guarantee that we will give you full value for the money sent, whether the price at the time you order be higher or lower, or if the difference is very great, we will notify you before shipment.*

#### **Disclaimer**

*D. A. White & Sons give no warranty, expressed or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants that they send out, and will not be in any way responsible for the crop.*

# *Selected, Tested Vegetable Seeds*

## ASPARAGUS

**Palmetto.** One of the best varieties. Quality, first class. Pkt. 10c; oz. 20c; lb. \$1.25, postpaid.

## BEANS

Any variety at the following prices. Postpaid, Pkt. 20c; lb. 35c; 10 lbs. \$2.60. Not postpaid, pkt. 15c; lb. 25c; 10 lbs. \$2.35

### DWARF OR BUSH, GREEN PODDED

**Stringless Green Pod.** The most popular variety on the market for home garden or the market. Fine for canning. Very prolific.

**Refugee.** An old standard variety. Fine for canning, home or market.

**Red Valentine.** A well known variety that produces a large crop.

### WAX PODDED BUSH BEANS

**Davis White Wax.** Rustless and very productive. Long yellow pods that can be used for canning, home or market.

**Golden Wax.** One of the most popular garden varieties. Pods are long and a beautiful golden yellow, crisp and tender.

**Improved Black Wax.** The earliest of all wax beans. Excellent quality and very productive.

### POLE BEANS, GREEN AND WAX PODDED

**Kentucky Wonder.** The most popular pole bean grown. A heavy producer and lasts until frost time. Pods are very long, fleshy and deeply creased. Green in color and stringless.

**Kentucky Wonder Wax.** Similar to the above, but long yellow pods.

**White Crease Back.** Long slender pods, crisp and tender. Fine for pickles, canning and table.

**Lazy Wife.** An old standard, well known bean. Large podded, green in color.

**White Dutch Case Knife.** An old favorite. Very fine for table or canning.

**Scarlet Runner.** The well known, old fashioned climber. Bright, scarlet flowers.

**Castor Beans.** Used for medicinal purposes and by some claimed to keep moles away from gardens. Very ornamental.

**Pole Lima.** A heavy yielding variety.

**Burpee's Bush Lima.** A fine, dwarf variety. Very prolific. Pods and beans large; fine for green shelled.

**Oregon Lima.** The best variety for this climate. A heavy producer and excellent quality. Bears until frost comes. Special price. Postpaid, pkt. 20c; lb. 35c. Not postpaid, pkt. 15c; lb. 25c.

## BEETS, TABLE VARIETIES

Any variety at the following prices. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. 90c.

**Improved Blood Turnip.** A fine table variety. Turnip shaped with deep red flesh.

**Detroit Dark Red.** Globe shaped, bright, rich, red flesh. Fine for market or table.

**Extra Early Egyptian.** Very popular variety. Bright red with clear vermilion flesh.

**Early Eclipse.** Globe shaped. Flesh deep crimson, zoned with pink.

**Half Long Blood.** Grows about eight inches long. Deep red flesh.

**Long Dark Smooth Blood.** The leading late variety; keeps all winter. Flesh deep purple, fine and sweet.

## SWISS CHARD

**Lucullus.** The finest variety. Cultivated for its stalks and leaves which are prepared and served like asparagus. Also, becoming very popular for greens for poultry as it is more productive than kale. Pkt. 10c; oz. 15c; lb. \$1.25, postpaid.

## MANGEL WURZEL, SUGAR AND STOCK BEETS

Any variety at the following prices. Postpaid, oz. 10c; ½lb. 40c; lb. 60c; 10 lbs. \$5.50.

**Mammoth Long Red.** One of the finest varieties grown. Grows very large.

**Golden Tankard.** A heavy producer and good for heavy soils.

**New Mangel Half Sugar.** Becoming very popular as it is sweeter than a regular mangel. Makes fine feed.

**Danish Sludstrop** Long, reddish yellow, grows well above the ground and easy to pull. Very productive and excellent quality.

**Sugar Beets (True Stock.)** Flesh, white and tender, fine for table, also excellent stock feed.

## BIRD SEEDS AND SUPPLIES

Seeds are all recleaned and first class quality. Can supply Canary, Hemp, Millet, Bird Rape and Sunflower seed. Price, postpaid, lb. 25c; not postpaid, 15c. per lb.

Bird Gravel .....	Pkg. 15c; postpaid, 25c.
Red Gravel .....	Pkg. 25c; postpaid, 35c.
Song Restorer .....	Pkg. 25c; postpaid, 30c.
Birdoline .....	Pkg. 25c; postpaid, 30c.
Bird Mana .....	Pkg. 15c; postpaid, 20c.
Cuttle Bone .....	Oz. 10c; postpaid, 15c.

## BROCCOLI

Western Oregon is now producing the finest broccoli grown in America. A fine market has been secured throughout the East and it has proven a very profitable crop.

**St. Valentine.** This variety has proven to be the only variety to grow. Producing the finest heads, immense size and excellent quality. Pkt. 15c; ¼oz. 75c; oz. \$2.50.

## BRUSSELS SPROUTS

**Dwarf Improved.** Very hardy and producing compact sprouts of large size and good quality. Pkt. 10c; oz. 40c.

## CABBAGE

All at the uniform price of, Pkt. 10c; oz. 30c; ¼lb. 85c; lb. \$3.00, postpaid.

### EARLY VARIETIES

**Early Jersey Wakefield.** An old favorite, sharp, conical head. Sown both fall and spring.

**Charleston Wakefield.** The best known early variety. Medium sized conical head. The favorite market variety.

**Early Dwarf Flat Dutch.** This is the favorite early, flat headed variety. Very productive.

### MEDIUM AND LATE VARIETIES

**Danish Ball Head.** The finest late variety grown, either for market or home garden. Firm, solid heads, medium sized, round and very solid.

**Late Flat Dutch.** The favorite large late variety.

**Late Drumhead.** Has no superior for family or market in the large varieties.

**Sure Head.** The surest cropper of the late varieties. Large solid head.

## CAULIFLOWER

Price, postpaid, pkt. 10c; oz. \$1.25.

**Early Snowball.** The most popular variety grown of the early sorts. Quality first class and good size.

**Large Algiers.** A valuable late variety, sure to head, of the best quality.

**Autumn Giant.** Heads are large, white and compact, excellent quality.



## CARROTS

All at the uniform price of **pkt. 5c; oz. 15c; ¼lb. 30c; lb. 85c; postpaid.**

**Chantenay.** The finest variety for the market or home garden. Smooth and tender. Deep orange color.

**Danvers Half Long.** The smooth handsome roots are orange color and medium length. A heavy cropper and make fine feed.

**Ox Heart.** A thick carrot, five or six inches long and very blunt at the lower end. Orange color.

**Long Orange.** Grows to a large size. Best adapted to sandy or loose soil. A favorite for stock feeding.

**Large White Belgian.** Grown for stock feeding. Very productive. Easily pulled.

**Large Mastadon or Short White.** Roots half long, smooth, very heavy at shoulder, but tapering regularly at the point. Very productive.

## CHICORY

**Large or Coffee.** The favorite variety. **Pkt. 10c; oz. 25c; postpaid.**

## CELERY

**White Plume.** The leading white celery. A handsome, crisp sort, of very easy cultivation. **Pkt. 10c; oz. 35c; ¼lb. \$1.25; postpaid.**

**Golden Self Blanching.** The best celery for early market or home garden of the yellow meated kinds. Easily blanched. **Pkt. 10c; oz. 35c; ¼lb. \$1.25; postpaid.**

## CRESS

**Curled or Pepper Grass.** Used as a salad dressing. **Pkt. 10c; oz. 15c; postpaid.**

**Water Cress.** Thrives only when the roots or stems are submerged in water. Leaves used as a salad. **Pkt. 10c; oz. 50c.**

## CORN—Sweet or Table Varieties

Uniform price of **pkt. 15c; lb. 35c; 10 lbs. \$2.60, postpaid.**

**Pkt. 15c; lb. 25c; 10 lbs. \$2.35, not postpaid.**

**Golden Bantam.** One of the finest sweet corns grown. Very early, tender and extra sweet. Golden in color.

**Early Minnesota.** The favorite extra white variety. Fine for canning.

**Howling Mob.** A favorite of the market gardeners. Extra early white corn of finest quality

**Early Evergreen.** Follows the early varieties and is an excellent corn.

**Stowells Evergreen.** This is the most popular and best main crop sweet corn grown. Excellent quality and lasts until killed by frost. Very productive. Makes fine fodder and ensilage.

## FIELD CORN

### EXTRA, FANCY, SELECTED STOCK

We make a specialty of Field corn and offer you the finest varieties for this coast. Uniform price of **lb. 20c; 10 lbs. \$1.25; 25 lbs. \$2.50; postpaid. Not postpaid, lb. 10c; 10 lbs. 85c; 100 lbs. \$6.50.**

**Pride of Oregon.** This is the best quality of Oregon grown corn and well selected. Ears are long, well filled with deep yellow kernels. Makes a fine silo corn as it grows to a good size as well as being early.

**Minnesota No. 13, Yellow Dent.** This variety is a favorite of many dairymen as an ensilage corn. A heavy producer.

**Leaming, Yellow Dent.** One of the most popular ensilage corns as it is very productive.

**Pride of the North, Yellow Dent.** Grown here for many years as a silo corn and is a heavy producer.

**White Pearl.** A pure white corn. Used for silo.

**Yellow Flint Corn.** An extra early variety that will always ripen.

**Red Flint Corn.** An early eight row corn that does well here, always ripening.

## POP CORN

**White Rice.** The best variety for this climate. Ripens early and is a good producer. postpaid, lb, 20c; not postpaid, 10c; 10 lbs. 80c.

## CUCUMBERS

Uniform price of pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 35c; lb. \$1.25; postpaid.

**Early Short Green or Early Frame.** An excellent small variety. Fine for pickles.

**Chicago Pickling.** The favorite pickling variety. Very prolific.

**Imp. White Spine.** A large, long variety that is fine for table or pickles.

**Improved Long Green.** The old family favorite. Always good for all purposes.

**Lemon Cucumber.** This dainty little cucumber resembles a lemon both in form and color, having a distinctive flavor all its own. Pkt. 10c; oz. 20c.

## ENDIVE

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August, for a succession of crops; tie the leaves closely together to bleach them.

**Green Curled.** A standard sort for fall and winter. Pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 35c.

**White Curled.** A beautiful variety with curled, mossy leaves for early use. Pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 50c.

## EGG PLANT

**Black Beauty.** An extra early, quick-growing, vigorous variety, handsome and very uniform. Color, deep blackish purple. Splendid market sort. Pkt. 10c; oz. 50c.

## KALE

**Dwarfed Green Curled.** Leaves curled and a bright green. Pkt. 10c; oz. 20c.

**Tall Scotch—Green Curled.** Grows about two feet high; leaves dark green, curled and wrinkled; very hardy. Pkt. 10c; oz. 20c.

**Thousand Headed.** Grows very large. Used mostly for stock feeding. Pkt. 5c; lb. 65c; postpaid, 75c.

## KOHL RABI

**Early White.** Best table variety. Pkt. 10c; oz. 25c.

## LEEK

**Large Rouen.** The favorite variety. Pkt. 10c; oz. 25c.

## LETTUCE

**New York or Wonderful.** The finest head lettuce grown. The immense heads are solid, heavy, beautifully bleached to a creamy white with bright green outer leaves. The quality is unsurpassed, being tender, crisp and sweet. Used by all market gardeners. Pkt. 10c; oz. 30c;  $\frac{1}{4}$ lb. 85c.

The following varieties at the uniform price of pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 40c; postpaid.

**Hanson.** An old standard variety that produces a fine head. White meated, crisp and tender.

**Early Prizehead.** A brown tinged leaved head lettuce that is a great favorite.

**Early Curled Simpson.** The leading curly variety, extra crisp and tender.

**May King.** The leading butter lettuce. Rich and tender.

**Brown Dutch.** The leading brown variety. Forms a large, solid head, sweet tender and good flavor.

## MUSK MELON

Price, postpaid, pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 50c; lb. \$1.25.

**Large Yellow Cantaloupe.** The flesh is light, yellowish green, very sweet, crisp and delicious.

**Burrels Gem.** The favorite market variety. Light green flesh which is very deep and delicious.

**Rocky Ford or Netted Gem.** The fruit is oval, slightly ribbed, densely covered with coarse netting. Green fleshed. Fine for the market.

**Green Nutmeg.** An extra early variety that is fine for the home garden. Flesh green, fine and sweet.

**Casaba.** An excellent melon with very thick flesh.

## WATER MELONS

Prices, pkt. 10c; oz. 15c;  $\frac{1}{2}$ lb. 40c; lb. \$1.00; postpaid.

**Early Fordhook.** The best early melon for this valley for home use.

**Sweet Heart.** An excellent melon and a good shipper for the market.

**Ice Cream.** An old favorite that every one likes.

**Tom Watson.** A long melon that is fine for home garden or market.

## CITRON

Used for preserves. Pkt. 10c; oz. 20c.

## ONIONS

Write for Special Prices on large orders.

**Oregon Yellow Danvers.** A standard market variety developed in Oregon. A half globe shape with small neck. Pkt. 10c; oz. 25c;  $\frac{1}{4}$ lb. 70c; lb. \$2.25; postpaid.

**Yellow Globe Danvers.** A handsome globe shaped variety that commands the top price on the market. Now the principal onion grown here for the market. Pkt. 10c; oz. 25c;  $\frac{1}{4}$ lb. 75c; lb. \$1.85; postpaid.

**Yellow Flat Danvers.** A good cropper, matures quickly and a good keeper. Liked by many growers on account of its small neck. Pkt. 10c; oz. 20c;  $\frac{1}{4}$ lb. 60c; lb. \$1.75; postpaid.

**White Globe.** A pure white, globed shaped variety. Flesh hard with wax like, pearl flesh. Used a great deal as a green onion for the market by gardeners. Pkt. 10c; oz. 25c;  $\frac{1}{4}$ lb. 75c; lb. \$2.50; postpaid.

**White Portugal or Silverskin.** Skin and flesh, pure white, mild and flat shape. Pkt. 10c; oz. 25c;  $\frac{1}{4}$ lb. 75c; lb. \$2.50; postpaid.

**White Bermuda.** One of the finest varieties grown for home garden. Mild and very sweet. Pkt. 10c; oz. 50c;  $\frac{1}{4}$ lb. \$1.50; postpaid.

**White Bunching.** Used by market gardeners for a green onion. Pkt. 10c; oz. 30c;  $\frac{1}{4}$ lb. 70c; lb. \$2.25; postpaid.

**Red Wethersfield.** A standard red variety that grows any place. Pkt. 10c; oz. 20c;  $\frac{1}{4}$ lb. 50c; lb. \$1.85; postpaid.

**Extra Early Barletta.** A small, pure white, mild onion. Used mostly for pickles. Pkt. 10c; oz. 30c;  $\frac{1}{4}$ lb. 85c; lb. \$3.00; postpaid.

## ONION SETS

**Bottom Onion Sets.** Small onions grown from seed. Used mostly for green onions, but if left stand usually make large onions. Market price.

**Top Sets or Multipliers.** So called winter onions as they grow all winter and are ready to use very early in the spring. Market price.

## PARSLEY

**Double Curled.** Very hardy and easy to grow. Used for flavoring and garnishing. Pkt. 10c; oz. 20c.

**Hamburg or Turnip Rooted.** A plain leafed variety forming a long thick edible root. Pkt. 10c; oz. 20c.

## PARSNIPS

**Hollow Crown.** Roots white, very tender, with smooth skin. Pkt. 5c; oz. 15c; lb. \$1.25; postpaid.



## GARDEN PEAS

Any variety at the following prices. **Postpaid, Pkt. 20c; lb. 35c; 10 lbs. \$2.50; not postpaid, pkt. 15c; lb. 25c; 10 lbs. \$2.25.**

**Blue Bantam.** One of the finest extra varieties on the market. Grows about 15 inches high, very productive, large podded and sweet.

**Little Marvel.** A new pea that is becoming very popular. Grows about 15 to 18 inches high and pods are well filled with delicious peas.

**American Wonder.** The most popular early variety grown. A great favorite for home gardens.

**Premium or Little Gem.** An old standby of excellent quality.

**Alaska.** Extra early and hardy. May be planted in the fall in this valley and will produce a very large crop early in the spring. Fine for early market.

**Gradus.** Without doubt the most popular pea for the early market or home garden. Pods are extra large and well filled with large sweet peas.

**Notts Excelsior.** A fine early dwarf pea. Pods are well filled with sweet tender peas.

**Dwarf Telephone.** The most popular second early variety now on the market and the finest, sweetest pea grown.

**Tall Telephone.** The best mid season variety and a great favorite. Grown by all the market gardeners and cannot be excelled for home use.

**Stratagem.** One of the best of the large podded sorts. The pods are of immense size and well filled with large sweet peas.

**Yorkshire Hero.** A favorite variety for the second crop. Peas are of excellent quality, sweet and tender. Grows about 30 inches high.

**Laxtonian.** This is the finest dwarf early pea offered today. The vines grow eighteen to twenty inches high and produce an enormous crop of dark green pods as large as Gradus, maturing a few days ahead of that variety.

## PUMPKIN

Any variety at the following prices. **Pkt. 10c; oz. 15c; lb. \$1.00; postpaid.**

**Winter Luxury.** The most popular pie pumpkin. Medium size, color, golden russet, finely netted flesh.

**Sweet or Sugar.** A fine grained variety that makes dandy pies. Skin, orange; flesh, deep yellow. Very sweet.

**Golden Cushaw.** One of the finest cooking varieties.

**Large Yellow or Connecticut Field.** Large, round, deep glossy yellow. Grown mostly for stock feeding.

**King of Mammoths.** Grows to an enormous size. Very productive. Used for feed.

## PEPPER

**Pkt. 10c; oz. 60c; postpaid.**

**Ruby King.** Very large, sweet and mild. Bright scarlet.

**Large Bell.** Large, mild and thick fleshed. One of the best for stuffed pickles.

**Chinese.** An extra large variety. Mild and sweet.

**Pimento.** A new variety that is extremely popular.

**Chili.** Pods small and pointed. A hot one.

## SPINACH

Any variety at the following prices. **Pkt. 10c; ¼lb. 25c; lb. 60c; postpaid.**

**Savoy.** Leaves large, round and thick. One of the earliest sorts.

**Prickly Winter.** Hardest variety. Must be sown in the fall. Leaves long, pointed and thick.

**Long Standing.** An improved variety for general use. Remains in edible condition over long period, as it is slow to go to seed.

**New Zealand.** Unlike true spinach in type and in that it thrives during hot weather and in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. The plant becomes quite large and spreading. The leaves are comparatively small, broad and pointed. Germination of the seed can be hastened by soaking in warm water twenty-four hours. **Pkt. 10c; oz. 20c; ¼lb. 50c; lb. \$1.50.**

## RADISH

Any variety at the following prices, postpaid. Pkt. 5c, 10c; oz. 15c;  $\frac{1}{4}$ lb. 35c; lb. \$1.

**Early Scarlet Globe.** A popular variety owing to its quick growth and fine scarlet color.

**Early Scarlet Turnip or Rosy Gem.** Used more than any other early variety. Color bright rose carmine with white tip. Globe shaped.

**White Icicle.** The most popular radish on the market. A handsome, white variety, growing about five inches long. Quick growing, crisp and mild flavor.

**Long Scarlet, Short Top.** A dandy radish. Color, bright carmine; flesh firm; about six inches long. Fine for market.

**Brightest Long Scarlet.** A very showy, long scarlet radish with white tip.

**French Breakfast.** A popular variety for market or forcing; it is about two inches long, stumprooted, bright rose color with white tip.

## WINTER RADISHES

**China Rose Winter.** Bright rose color; flesh white and firm.

**Mammoth White China.** Roots are from ten to twelve inches long, solid, crisp and tender.

**Long Black Spanish.** Flesh white; one of the latest and hardiest.

## RHUBARB

**Victoria or Mammoth.** Very large, finest cooking variety. Pkt. 10c; oz. 20c;  $\frac{1}{4}$ lb. 75c; lb. \$2.50, postpaid.

## SUNFLOWER

**Mammoth Russian.** The favorite variety. Grown for ensilage, feed, etc. lb. 15c; postpaid, 25c.

## SQUASH

**Mammoth Summer Crookneck.** Flesh tender and good quality. Pkt. 10c; oz. 15c; lb. \$1.25.

**Mammoth White Bush Scallop.** The best summer sort for the market. Pkt. 10c; oz. 15c; lb. \$1.25.

**Hubbard** The best seller and most popular squash; keeps through the winter. Pkt. 10c; oz. 15c; lb. \$1.50.

**Golden Hubbard.** The same size, shape and quality as the well known Hubbard squash, except that it is a bright red or golden color, and somewhat earlier; it is also a long keeper, vigorous and wonderfully productive; in flavor it has no equal. Pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 60c; lb. \$1.50.

## SALSIFY OR VEGETABLE OYSTER

**Mammoth Sandwich Island.** The leading tender variety. Produces a large crop of straight, smooth roots. Pkt. 10c; oz. 25c; lb. \$2.25.

## TOMATOES

**Earliest Producer.** This is a new variety that is said to be the earliest, large red tomato on the market. Fine quality and a heavy cropper. Try a package. Pkt. 10c; oz. 60c.

**The New Burbank.** This great tomato has proven a wonderful success. The tomato is large, smooth, bright red, and solid meat and a wonderful producer. Pkt. 15c.

**Chalks Jewel.** An early variety that is well adapted for this climate as it is extra early and bears throughout the season. Pkt. 10c; oz. 45c.

**Sparks Earliana.** Large, smooth and early; beautiful red color. Pkt. 10c; oz. 45c.

**Perfection.** One of the best, medium early varieties. Round and smooth, bright red color. Pkt. 10c; oz. 40c.

**Red Cherry.** Fruit small and globe shaped. Fine for preserves. Pkt. 10c.

**Husk or Ground Cherry.** Used for preserves. Pkt. 10c.

## TOBACCO

**Connecticut Seed Leaf.** Best adapted for general use. Pkt. 10c.

**Havana.** Preferred by many. Pkt. 10c.

## TURNIPS

Any variety at the following prices, postpaid. Pkt. 5c; oz. 15c; ¼lb. 30c; lb 85c.

**White Egg.** Is excellent flavor, clear white, sweet and mild.

**White Flat Dutch.** Flesh white, firm, tender and sweet.

**Early Purple Top, Strap Leaved.** Flat in shape. The leading white variety; one of the best for all purposes.

**Purple Top, White Globe.** The favorite variety. Excellent quality.

**Yellow Aberdeen.** Round, medium size, light yellow.

**Cow Horn.** Grows half out of the ground and is a rapid grower. Immense yielder.

## RUTA BAGA

Same price as turnips.

**American Purple Top.** Grows to a large size and produces an immense crop.

**Sweet Russian.** Most excellent for table and stock. Sweet and rich.

## FLOWER SEEDS

### THE "SPENCER" TYPE OF SWEET PEAS

Special Re-selected Stock for 1923

By reason of their increased size, waved or fluted appearances and charming blendings of harmonious colors, the new "Spencer" type may be appropriately described as Truly Gigantic "Orchid Flowered." The flowers are not only of extremely large size, and attractively waved or crinkled, but are distinct also in having the outer edges of the standard and wings serrated. The standard is broad and tall; the wings are broad, well spread and generally held erect by the keel.

**White Spencer.** A pure white flower of enormous size, beautifully fluted and crinkled. Of splendid substance. Pkt. 10c; oz. 35c.

**King Scarlet Spencer.** Bright, crimson scarlet, largest size, wavy standards. Very long stems, the finest bright scarlet. Pkt. 10c; oz. 35c.

**Constance Hinton.** The largest White Spencer. Slight tint of pink when first blooming. Very fine. Pkt. 10c; oz. 35c.

**Mrs. Hugh Dickinson.** A beautiful combination of Buff, Apricot and Rose. Pkt. 10c; oz. 35c.

**Elfreda Pearson Spencer.** Light pink or white, shaded and edged. Pkt. 10c; oz. 35c.

**Florence Morse Spencer.** White and blush pink edge. Pkt. 10c; oz. 35c.

**Hercules.** A very large clear pink. Long stems. Pkt. 10c; oz. 35c.

**Helen Lewis.** A beautiful orange pink. One of the finest Spencers. Bright orange standard. Pkt. 10c; oz. 35c.

**Florence Nightingale.** A beautiful shaded lavender and rose. Pkt. 10c; oz. 35c.

**Margaret Atlee.** The Spencer Supreme. Margaret Atlee is a rose-salmon, pink on a creamy rich buff ground, soft color, and extremely attractive, both as individual flowers and in the bunch. The standard is large and wavy and inclined to double under favorable conditions. Pkt. 10c; oz. 35c.

**Asta Ohn.** Lavender suffused with mauve. Of perfect form, of largest size blossoms on long, strong stems; very vigorous. Pkt. 10c; oz. 35c.

**Countess Spencer.** Pink. Flowers extremely large, beautifully expanded, crumpled and waved. Color silvery white, suffused with soft shell pink, deeper at the outer edges. Pkt. 10c; oz. 35c.

**Primrose Spencer.** Color, true primrose. Very vigorous, free flowering, excels in beauty of form, length of stem and keeping quality. Pkt. 10c; oz. 35c.

**Our Superb Mixture.** True Spencers only. A splendid mixture, carefully proportioned and blended to produce pleasing and harmonious combinations of color, containing the most beautiful shades and varieties of the wonderful Spencer type. These are not seedlings, but carefully selected named varieties that retain all their purity and brilliancy of color. Pkt. 10c; oz. 30c; lb. \$3.00.

**White's Extra Fancy Grandiflora.** Mixed. A fine selection of the different varieties, carefully blended together to make a beautiful showing of the different colors in a harmonious effect. Postpaid, pkt. 5c; oz. 15c; ¼lb. 50c; lb. \$1.50.



### NASTURTIIUM

**Fancy Tall Mixed.** A fine selection of the different climbing varieties in all colors. Pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 40c; lb. \$1.25.

**Tom Thumb or Dwarf.** A fine selection of the dwarf variety. Pkt. 10c; oz. 15c;  $\frac{1}{4}$ lb. 40c.

### FLOWER SEEDS

We carry a large stock of the finest flower seeds and can supply all the leading kinds, including all the colors of Pansies, Asters, Carnations, Pinks, etc. Order the kind you want and if we do not have it, we will get it and send it to you at once.

On account of lack of space in catalogue we do not find it profitable to catalogue all the various kinds.

### FIELD SEEDS

The following prices are the market price of today and are subject to market changes. When ready to buy, write us for prices, stating quantity wanted and we will quote you the market price at that time. Or, send in your order based on the following prices and we will guarantee that we will give you full value for money sent, whether the price at the time you order be higher or lower, or if the difference is very great, we will notify you before shipping.

We make a specialty of High Grade, Recleaned, Tested Seeds and Grains and we believe that the quality we are offering is the best that can be obtained on the market.

If wanted by parcel post, add regular parcel post rates, according to zone distance from Salem.

The following prices are F. O. B. Salem, Oregon:

	1 LB.	10 LBS.	25 LBS.	100 LBS.
Red Clover, Extra Fancy .....	\$ .30	\$ 2.70	\$ 6.50	\$25.00
Red Clover, Fancy .....	.30	2.60	6.25	24.00
Mammoth Red Clover, Fancy .....	.35	3.25	7.50	28.50
Alsike Clover, Extra Fancy .....	.30	2.70	6.25	24.00
Alsike Clover, Fancy .....	.30	2.50	6.00	22.00
White Clover, Fancy. For lawns .....	.75	7.00	17.00	65.00
White Clover, Choice. For pastures .....	.50	4.75	11.50	45.00
Sweet Clover, White blossom .....	.25	2.25	5.00	17.50
Sweet Clover, Yellow blossom, for cover crop ..	.15	1.25	2.75	10.00
Alfalfa, Fancy .....	.30	2.75	6.50	25.00
Alfalfa, Grimm .....	.50	4.80	11.50	45.00
Timothy, Fancy .....	.15	1.25	3.00	11.00
Timothy, Choice .....	.15	1.15	2.75	10.00
Orchard Grass, Fancy .....	.25	2.40	5.75	22.00
English Rye Grass, Imported, Fancy .....	.20	1.80	4.25	16.00
English Rye Grass, Choice, Domestic .....	.15	1.35	3.00	10.00
Italian Rye Grass, Fancy, Imported .....	.20	1.80	4.25	16.00
Italian Rye Grass, Choice, Domestic .....	.15	1.35	3.00	10.00
Kentucky Blue Grass, Extra fancy .....	.50	4.75	11.50	45.00
Red Top, Fancy hulled .....	.35	3.25	7.50	28.50
Fancy Lawn Grass .....	.60	5.75	14.00	55.00
Mesquite, Hulled, Fancy .....	.25	2.00	5.75	18.00
Mesquite, Hulled, Choice .....	.20	1.85	4.50	16.00
Mesquite and Alsike, Mixed .....	.15	1.40	3.25	12.50
Alsike and White Clover, Mixed .....	.30	2.80	6.50	25.00
Pasture or Burn Mixture .....	.15	1.40	3.50	12.50
Dwarf Essex Rape, Fancy .....	.15	1.25	3.00	10.00
Vetch, No. 1 .....	.10	1.00	2.50	9.00
Vetch, Sand or Hairy .....	.25	2.25	5.50	20.00
Field Peas, Canadian .....	.10	1.00	2.00	7.50
Sudan Grass .....	.25	2.40	5.75	20.00
Millet, Golden .....	.15	1.25	3.00	10.00
Buckwheat, Silver Hull .....	.10	1.00	2.00	7.50
Kaffir Corn .....	.10	1.00	2.00	7.50
Milo Maize .....	.10	1.00	2.00	7.50
Cheat Seed, Recleaned, market price. ....				



## SEED GRAINS

All prices subject to statement under head of Field Seeds. Prices quoted are subject to all market changes. Write for prices when in the market. Prices are net, F. O. B. Salem Oregon.

**Recleaned Marquis Spring Wheat.** The heaviest yielding spring wheat grown in the Northwest. Heads are beardless, chaff smooth and kernel dark amber in color. Very heavy and grades as hard wheat. **100 lbs. \$2.50.**

**Huston or Grass Wheat.** A spring wheat that is recommended by O. A. C. for planting in this valley as it is a good yielder and does well on nearly all kinds of land. **100 lbs. \$2.40.**

**Kinney Wheat.** An old standard wheat that has been grown for years here and always produces a good crop. May be sown either fall or spring. **100 lbs. \$2.40.**

**Gray Oats.** Sown both fall and early spring and the standard oat for this valley and western Washington and Oregon. **100 lbs. \$2.50.**

**White Banner Oats.** Have some very choice heavy seed oats of this well known variety, that we shipped in from Montana as local oats are very poor germination this year. Clean and fine quality. **100 lbs. \$3.00.**

**Spring Rye.** Makes a good crop sown in the spring. **100 lbs. \$4.00.**

**Fall Rye.** Always makes a crop and can be sown on poor land that will not raise other grain. Makes an abundance of pasture and green feed and also a fine cover crop for orchards and berries. **100 lbs. \$2.75.**

**Spring Barley.** Usually does best on light land but is grown nearly everywhere. Write for prices.

## VEGETABLE PLANTS AND ROOTS

We handle the output of several large growers and can furnish fine transplanted plants during the season.

Transplanted plants are much stronger and better rooted and do far better than ordinary plants sold on the market.

We do not name the various named varieties that we handle, as it varies with the seasons, but will be glad to send you a list at any time when you are ready to plant.

For those wanting large lots, write for special prices, stating quantity wanted.

During the season, we handle Cabbage, Tomato, Cauliflower, Kale, Broccoli, Pepper, and various other garden plants and would be glad to quote prices at any time.

**Rhubarb Roots.** Good strong roots at **10c each; 6 for 50c. Postpaid, 15c each; 6 for 65c.**

**Asparagus Roots.** Two year old plants, good and strong. **Doz. 30c; postpaid, doz. 40c; 100 for \$1.50 by freight or express collect.**

## SEED POTATOES

Write for prices.

**Burbanks.** One of the best varieties grown in the Northwest and a favorite market variety.

**Netted Gem.** Becoming a very popular variety and is a fine potato in every way. A heavy yielder.

**Earliest of All.** Without doubt, the earliest variety on the market. White in color and cooks fine. **1b. 4c; 100 lbs. \$3.00, subject to market.**

**Early Ohio.** An old standard variety that is without doubt the best cooking variety of all the early varieties. **1b. 4c; 100 lbs. \$3.00.**

**Early Rose.** A favorite variety and well known for many years. **1b. 3c; 100 lbs. \$2.00.**

## SPRAYERS

**Compressed Air.** This kind of sprayer is the most convenient for using around berries, small trees, shrubbery, rose bushes and gardens.:

**No. 2** Heavy galvanized tank,  $3\frac{1}{2}$  gallon capacity. **Each \$7.50.**

**No. 15.** Similar to above sprayer but with the pump in the tank. **Each, \$7.50.**

**No. 25.** A smaller size, same material, capacity  $1\frac{1}{2}$  gallons. **Each \$5.00**

**Bucket Pumps.** A very durable, convenient pump, with handle, **\$7.00 each, with plunger, \$5.00.**

**Hand Sprayers.** Tin. **Each, 60c; postpaid, 70c.**

**Hand Sprayers.** Glass container. **Each 85c; postpaid, \$1.00.**

## SPRAY MATERIAL

We carry the largest stock of the most reliable spray materials in the city. You will find that our prices are the lowest that can be made on first class goods. You do not want to use anything but the best as it is money thrown away to use poor spray material. Spare the Spray and Spoil the Fruit. Never before has it been so necessary to protect fruit and vegetable crops against the ravages of insects and fungous diseases. This applies to commercial plantations and to the small orchard or garden. The question as to whether spraying pays has been answered. The real problem is one of improving sprays and their method of application.

**S-W. Spray Oil, or Spray Mulsion.** For Scale, Thrip, etc.

From experiments we have made the past ten years, we find that for Scale on Fruit trees, there is no spray that has the killing effect of the oil spray. Should be applied as a dormant spray for this purpose.

Spray-Oil, so far has been the only remedy for thrips; should be used with Black Leaf 40 and applied as soon as the thrip shows. Do not delay as the damage is done within a day or so and crop ruined. **5 gal can, \$2.50; 50 gal. bbl. \$17.50.**

**S-W. Dry Lime Sulfur.** This is taking the place of the old Lime-Sulphur Solution as it has all the advantages and none of the disadvantages of this spray. A 100 lb. drum makes as much spray as a 600 lb. bbl. of the old spray. From tests made the last few years, it has surpassed all other sulphur sprays in various tests. Used for San Jose Scale, Apple Scab, Peach Curl, Leaf, Brown Rot, Pear Psylla, Leaf Blister Mite, etc. **Lb. 30c; 5 lbs. \$1.15; 10 lbs. \$2.00; 25 lbs. \$3.50; 50 lbs. \$6.25; 100 lbs. \$10.75; 200 lbs. \$19.00.** Add parcel post if wanted by mail.

**Lime-Sulphur Solution.** For those who prefer the solution, we carry the Dependable Brand and can recommend it as a high grade solution. **50 gal. bbl. \$9.00.**

**S-W Arsenate of Lead, Dry Powdered.** This has supplanted the paste form and is now used in all sections of the U. S. Much more convenient to use, only takes half as much, much more easy to mix, does not freeze, always good, no matter how old. Arsenic and Lead thoroughly combined, eliminating danger from burning. Cannot be sent by mail. Write for prices.

**S-W Fungi-Bordo Spray, Dry Powdered.** The most convenient form of Bordo spray. Easy to handle and mixes readily. Now sold at prices that are cheaper than you can afford to buy the materials and make it. Cannot be sent by mail. **Lb. 35c; 5 lbs. \$1.25 25 lbs. \$5.00.**

**Black Leaf 40, Nicotine Sulphate.** Guaranteed to contain 40% nicotine. When used according to directions it neither burns nor stains fruit or foliage. Used as a fruit spray for thrip and Aphis, as a Hop spray, and as a Sheep Dip. Also used on Garden truck, Onions, etc. Cannot be sent by mail. **Oz. 35c; ½lb. \$1.25; 2lbs. \$3.50; 10lbs. \$13.50.**

**Whale Oil Soap.** An excellent summer wash for Aphis, etc. **Lb. 15c; 25 lbs. \$3.00; Postpaid, lb. 25c; 100 lbs., market price.**

**Tobacco Powder for Dusting.** For destruction of Green Fly, Aphis, etc., where fumes cannot be confined. **Lb. 15c; 10 lbs. \$1.25.**

**Sulphur.** A good grade of sulphur for spraying, etc. **Lb. 5c; 10 lbs. 50c; 110-lbs. \$2.75. Ton, \$45.00.**

**Lime.** The best grade on the market for all purposes. **10 lbs. 35c; 100 lbs. \$2.25. bbl. \$3.75.**

**Bluestone.** The best grade for spraying. **Lb. 15c; 100 lbs. \$9.00.**

**Grafting Wax.** ¼lb. 15c; ½lb. 25c; lb. 40c; Postage extra.

**Beeswax.** Lb. 75c; Postpaid 85c.

**Rosin.** Lb. 15c, postpaid. 10 lbs. 75c, not postpaid.

**Slug Destroyer.** This is a powder that you sprinkle around the plants to keep the slugs away. And it does it. **Pkg. 25c. Postpaid, 35c.**

**Magotite.** Insures a good crop of Radishes, Kale, Cabbage, Onions, Turnips, Cauliflower, etc. "Mag-O-Tite" acts as a preventive by repelling the Fly which lays the eggs from which the Maggots are hatched and it also destroys Maggots which are already in the soil. While intended primarily as a remedy for Root Maggots, it has proved very effective in combatting Earth Worms of all kinds, the Strawberry Crown Borer, Cabbage Worms, Asparagus Miner, Flea Beetle, Cut Worms, and all kinds of Slugs. Approximate quantity required. A 2-lb package for about 300 feet of drill, or for field culture, 300 to 500 lbs. per acre. **2 lbs. pkg. 35c; 4 lbs. pkg. 60c; 8 lbs. pkg. \$1.00; 25 lbs. sack, \$2.50; 100 lb. sack, \$8.50.** Send for folder of directions.

## FERTILIZERS

The use of fertilizers is becoming more general each year as it is proving very profitable on many crops.

We handle a reliable line that we can recommend as it has given good results. Special prices on large lots. Write for prices. All prices subject to market changes.

**General Fertilizer.** This is used on gardens, and for all general crops including cabbage, kale, cauliflower, corn, potatoes, etc. 100 lbs. \$3.50.

**Orchard Fertilizer.** This is a high grade extra strong fertilizer, balanced up to produce the best results for orchards. 100 lbs \$4.00.

**Berry Fertilizer.** This special fertilizer has given wonderful results increasing the crop from 25% to 100% in yield. Made especially for Strawberries, Loganberries, Raspberries, etc. 100 lbs. \$3.50.

**Lawn Dressing.** This is the best lawn fertilizer we have ever seen on the market. It certainly makes the grass grow. Also used for flowers, shrubs, rose bushes, etc. 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.85; 100 lbs. \$3.50.

**Bone Meal.** We carry a high grade bone meal for fertilizer that makes a valuable fertilizer for certain crops where a slow acting fertilizer is needed. 10 lbs. 40c; 100 lbs. \$3.00.

**Superphosphate.** This is a very valuable fertilizer to use on many crops, wheat, oats, clover, vetch, corn, and all fruits are benefited by the proper use of this form of ammonia. 100 lbs. \$2.25; ton \$37.00.

**Nitrate of Soda.** Used where quick action is needed. Also used by a great many as an Orchard dressing and for berries. 10 lbs. 50c; 100 lbs. \$3.75; ton \$70.00.

**Sheep Guano.** We offer a finely ground, high grade guano that shows a good test. 100 lbs. \$1.25; ton \$21.00.

**Land Plaster.** Made from pure gypsum, free from clay and other foreign substances. Fine for clover, alfalfa, vetch, peas, corn, beans, potatoes, etc. 100 lbs. 75c; ton \$14.00.

**Fertilizer Lime.** This is a high grade article and should not be confused with common ground lime rock. Especially valuable for wet, sour land, also used on onion land and for various fruits. 100 lbs. \$1.50; ton \$18.50.

**Plant Food.** This is a concentrated fertilizer put up in small packages for house plants and is diluted with water when used 2lb. pkg. 25c.

**Agricultural Sulphur.** A specially prepared agricultural sulphur to increase crop yields now a proven fact. 110 lbs. sack \$2.75; ton \$45.00.

**Muriate of Potash.** This fertilizer is especially valuable to fruit trees and berries. It increases the size and yield and makes a marked improvement in quality and color. Use about 200 lbs. per acre. Very valuable to use with stable manure, which is always shy of potash. Mix one-fourth Muriate of Potash with three-fourths "C-M." for greater results on root, fruit and berry crops. 100 lbs. \$3.50; 500 lbs. and up at \$3.25 per 100 lbs. ton prices on application.

## READY-MIXED POULTRY FOODS

Prices subject to market changes.

The standard food for poultry of all ages, for all purposes—specially mixed and balanced Chick Food, Developing Food, Laying Food, Scratching Food, Analyzed and tested.

**Blatchford's Milk Mash for Baby Chicks.** Without any doubt, the finest chick starter ever offered on the market. You will not have any sick chicks if you commence and feed this prepared mash. Fed by all the leading poultrymen of the U. S. and always good. Lb. 10c; 25 lbs, \$1.85; 100 lbs. \$6.75.

Blatchfords Milk Mash contains 25 carefully ground ingredients mixed in proper proportions. Guaranteed analysis; Protein 20%; Fat 4%; Fiber, not over 7½%; Carbohydrates 52%.

We do not quote feed prices as market changes occur every few days usually, that any price given might be out of line but will be glad to quote prices on the different feeds at any time. Special low prices on large orders. Send us list of your needs and get our prices.

We handle: Chick Starter Milk Mash, Chick Feed, Growing Feed, Developing Mash, Laying Mash, Buttermilk Mash, Scratch Feeds, Corn, whole, cracked and ground; Wheat, whole, cracked and ground; Oats, whole, rolled and ground; Oat Grotes, whole and rolled or ground; Barley, whole, rolled and ground; Milo Maize, Bran, Shorts, Mill Run and various mixed feeds. Buying in car lots we are in a position to quote you the lowest market prices.



**Fish Meal.** The grade we sell is the best obtainable, it contains nothing but pure fresh fish, properly processed and will not taint the eggs. **100 lbs. \$4.75.**

**Our "Special" Beef Scraps.** Are rich in materials which make bone, muscle and lean meat. They insure health, thrift and vigor, and satisfy the natural craving of the bird's system for flesh-food in some form. Rich in protein. Can be fed dry or with cooked rations. **Lb. 10c; 10 lbs. 75c; 100 lbs. \$5.30.**

**Granulated Bone—"Special".** We offer only highest quality white, pure, and clean. Rich in phosphates, lime and protein. Should be kept before your chickens at all times. Feed in a Sanitary Shell and Grit Box. **6 lbs. 25c; 10 lbs. 40c; 100 lbs. \$3.00.**

**Oyster Shell Crushed.** Best grade pure hard Eastern oyster shell, crushed and sifted. Supplies lime material for egg shells. Does not take the place of grit as some think. Hens must have both shell and grit. Oyster shells should be within reach of your hens at all times. **10 lbs. 20c; 100 lbs. sack \$1.25.**

**Grit, Best Grade.** Every poultry raiser should keep a supply of this grit in each pen. Baby chicks and ducklings must have it. Made in three sizes, chick, pigeon or broiler, and hen size. We always send hen size unless otherwise ordered. **12 lbs. 25c; 100lb. sack \$1.25.**

**Alfalfa Meal.** The best substitute for green food for winter feeding; helps keep the egg basket full; mixed with the soft feed is good for large or small chicks; endorsed by leading experts. **100 lbs. \$1.75.**

**Charcoal.** Our stock is prepared especially for poultry and of highest quality obtainable; a preventative of bowel trouble, sour crop and indigestion; a health preserver. State size wanted. A, for mash; B, for chicks; C, for large chickens or hens. **Lb. 10c; 3 lbs. 25c; 10 lbs. 60c; 50 lbs. \$2.00.**

**Poultry Pepper.** A good tonic and invigorator. Ground. **Lb. 30c.**

## INCUBATORS

The past two years we have been selling the Master Incubator, and have found that it is the best machine made on the market. It has given better results than numerous other machines and we think from the results shown cannot be excelled. Send for large special catalogue, if you are in the market for an incubator. Prices are as follows, F. O. B., Salem, or delivered your nearest station, if in our selling territory.

For Combination Oil and Electric Incubators with both regulators and oil lamp complete. Nothing made to equal it.

<b>No. 2 Masters,</b> 256 to 275 eggs, two trays, Oil . . . . .	<b>\$50.00</b>	<b>Electric</b>	<b>\$55.00</b>
<b>No. 3 Masters</b> 384 to 400 eggs, three trays, Oil . . . . .	<b>60.00</b>	<b>Electric</b>	<b>65.00</b>
<b>No. 4 Masters</b> 512 to 540 eggs, four trays, Oil . . . . .	<b>70.00</b>	<b>Electric</b>	<b>75.00</b>
<b>No. 1 Masters Colony Brooder</b> 30 inch Canopy . . . . .			<b>20.00</b>
<b>No. 2 Masters Colony Brooder</b> 46 inch Canopy . . . . .	<b>25.00</b>	<b>Electric</b>	<b>25.00</b>
<b>No. 3 Masters Colony Brooder</b> 58 inch Canopy . . . . .	<b>30.00</b>	<b>Electric</b>	<b>30.00</b>

## BROODERS

We handle all kinds of brooders, Coal Burning, Oil Burning and Electric. Tell us which kind you are interested in and we will send catalogue.

## POULTRY SUPPLIES

We have a complete stock of Feeders, Drinking Fountains, Dry Mash Hoppers, Feed Troughs, Grit and Shell Boxes, Fountain Holders, etc. Write and tell us what you need and get our prices.

## LEG BANDS

The new Celluloid band is the most popular and sells as follows: **doz. 15c; 25 for 25c; 50 for 40c; 100 for 75c; postpaid.**

**Champion Aluminum Bands.** Same price as above. Always give name of breed of chickens bands are wanted for so we can send the right size.

## POULTRY REMEDIES

We carry a complete stock of poultry remedies, Lice Killers, Dips, Sprays, etc.



## BEE SUPPLIES

### SECTION HONEY BOXES

(Description and prices. Order by number)

**Our No. 1 Sections** are made of the choicest white basswood lumber and are perfect in finish, and free from defects. They are not all snow white, but vary from that to a light cream color. Choice honey shows off to best advantage in a section not too white, as is the honey rather than the wood that the consumer looks to. **100 \$2.00; 500 \$8.25.**

### SECTION HOLDERS

Six section holders, with separators, one follower and wedge, are put in each super, and each holder holds four 1-lb. honey boxes. The bottom strip is  $\frac{1}{4}$ -inches thick, and is cut to fit in sets of sections,  $1\frac{1}{2} \times 18\frac{1}{2}$  inches, slotted. **Each 5c; 100 \$4.50.**

### DOVETAILED PINE HIVES

**NO. 1** Dovetailed hive, complete with one super. Consists of one bottom board, one body, one super, one cover, eight Hoffman Brood Frames, one division board, six section holders, 24 sections and foundations started for frames, and sections and nails. **Nailed, \$3.75 each; per 5, K. D. flat, \$16.00.**

**No. 2.** Hive is the same as No. 1, less sections and foundation starters. **Nailed, \$3.35, each; per 5, K. D. flat, \$13.00.**

### DOVETAILED SUPERS

**No. 1.** Pine with sections, foundation starters. **Nailed \$1.50, each; per 5, K. D. flat, \$6.50.**

**No. 2.** Pine, less sections and starters. **Nailed, \$1.00, each; per 5, K. D. flat, \$4.00.**

**No. 0.** Empty, pine or cedar. **Nailed, 60c; each; per 5, K. D. flat, \$2.50.**

### COMB FOUNDATION

Packed in 1, 2, 3, and 5-pound paper boxes, of 25 pounds in a case. Light standard brood grade, 6 to 7 square feet per lb. **Price per lb. 85c.** Light section grade 11 to 12 square feet per lb. **Price per lb. 90c.** If foundation is wanted by mail, add 6c per lb. up to two lbs., and 2c per lb. over 2 lbs.

### HOFFMAN BROOD FRAMES

The Hoffman Improved Foundation Fastening Frames are the latest and best brood frames out. The top bar is made with a beveled strip which holds the foundation absolutely in place, perfectly straight and exactly in center of top bar. Anyone can put foundation in these new frames very rapidly. **Price Hoffman Frames, per 10, 80c; per 100, \$7.00.**

### SEPARATORS

One separator should always be placed between each section holder so that the bees will build the honey comb even in each section. Slotted wood separator,  $4\frac{1}{2} \times 18$ , **per doz. 15c; per 100, \$1.00.**

### BEE VEILS

**Hat Veils.** These veils have a rubber band around the top so as to fit the hat snugly. The lower end is bound, to prevent fraying. The kinds of material are given below. **Price list (postpaid).** **No. 3 Veil, cotton tulle throughout, \$1.35.** **Globe Veils. Each \$1.65.**

### BEE ENTRANCE GUARDS

**Root's or Tinker's.** These are to admit workers and exclude drones. After the drones are all out, fix the guards over the entrance, and at night the drones can be destroyed. **Price 35c; by mail 45c.**

### TINNED WIRE

**No. 30.** Per spool 10c; postpaid;  $\frac{1}{4}$  lb. spool, 25c, postpaid 30c.

### BEE SMOKERS

**Clark's Cold Blast.** Probably the most popular smoker in use today is the Cold Blast, although many are now hanging to the hot blast, claiming that they are more effective. The Clark is the best low-priced smoker. **Price \$1.25; by mail \$1.35.**

**Root Smoker.** It is neat in appearance and does not topple over easy. Makes a good strong blast, with little work. Very substantial. **Price standard,  $3\frac{1}{4}$  inch. \$1.60; by mail, \$1.70.**

## MISCELLANEOUS

### BARRELS AND KEGS

We carry a complete stock suitable for meat, fish, cider, vinegar, kraut, etc.

5 gallon keg . . . . .	<b>\$1.00</b>	15 gallon keg . . . . .	<b>\$2.00</b>	30 gallon barrel . . .	<b>\$3.00</b>
10 gallon keg . . . . .	<b>1.50</b>	20 gallon keg . . . . .	<b>2.50</b>	50 gallon barrel . . .	<b>\$4.00</b>

### BROADCAST SEEDERS

**Cyclone.** The handiest small seeder on the market. Very convenient. **Each, \$2.75.**

**Horn Seeder.** Very handy to use for small seeds, like clover and timothy. **Each \$1.00.**

### PLANT SETTERS

**Master's.** For planting cabbage, kale, celery, etc. With this little planter you can plant, water and fertilize ten thousand plants a day. **Price, each \$6.50.**

### CORN PLANTERS

**Crescent.** A two-handed planter; strong and durable. **Price, \$1.50.**

**Segment.** Very accurate in planting. **Price, \$2.50.**

### HAND CULTIVATOR AND SEEDER

We have a good high grade hand plow and cultivator that is very convenient for garden use. Complete with all necessary attachments. **Price, \$5.00.**

### TRAPS

**Reddick Mole Traps.** The best trap for catching moles on the market. **Each. \$1.25; postpaid, \$1.35.**

### THE CINCH GOPHER TRAP

The only safe and successful device for catching this pest. No dangerous gun; no ammunition. Easy to operate and when set properly is a "cinch" sure enough. Any boy can clean the ranch with them. Will also catch moles, rats, etc. **Price, 85c, with scoop for opening hole.** Sold several hundred of these traps the past season and they all gave fine satisfaction. Guaranteed to do the work or money back. **Postpaid \$1.00.** State whether for moles or gophers.

### OUT O'SIGHT MOLE TRAP

One of the best. Sure to "get them". **Price, \$1.25; postpaid, \$1.35.**

### SQUIRREL POISON

We handle a reliable brand of squirrel poison that does the work. **Can, 50c.**

**Nash Mole Traps.** This is the trap that the Dept. of Agr. of U. S. claims is the best trap on the market after testing all kinds. **Price, each, \$1.50; postpaid, \$1.65.**

**Roy Trap.** A small trap that has given good results. Mole size **25c**; Gopher size, **35c**; Postage **5c extra.**

### GAS BALLS

Kill the Gophers, Moles, Rats and Squirrels; easy to handle, safe and sure to kill **5c each; 6 for 25c; doz. 40c; cartoon of 125, \$3.00.** Cannot be sent by mail.

### RAT NIP

The **best** rat poison on the market; sure to kill. **Tube, 30c.** Cannot be sent by mail.